Table 1
Watershed Storm Water Monitoring 2008
Sample Results greater than wSAL received during January, 2008

Station ID	Station Name	Sample Date	Matrix	F/UF	Sample ID	Anyl Suite	Analyte	Detected Results				wSAL		
								Result	Units	Lab Qualifier	LANL Qualifier	Stream Type	Value	Units
E055	Pueblo above Acid	12/1/2007	WT	UF	GU071200E05501	GENINORG	Magnesium	2.67	mg/L			Ephemeral	0.0636	mg/L
E055	Pueblo above Acid	12/1/2007	WT	UF	GU071200E05501	METALS	Aluminum	14100	ug/L	*	J	Ephemeral	750	ug/L
E055	Pueblo above Acid	12/1/2007	WT	UF	GU071200E05501	METALS	Arsenic	12.5	ug/L	J		Ephemeral	9	ug/L
E055	Pueblo above Acid	12/1/2007	WT	UF	GU071200E05501	METALS	Copper	16.3	ug/L			Ephemeral	14	ug/L
E055	Pueblo above Acid	12/1/2007	WT	UF	GU071200E05501	RAD	Gross alpha	21.1	pCi/L		J-	Ephemeral	15	pCi/L
E056	Acid above Pueblo	12/1/2007	WT	UF	GU071200E05601	GENINORG	Magnesium	2.36	mg/L			Ephemeral	0.0636	mg/L
E056	Acid above Pueblo	12/1/2007	WT	UF	GU071200E05601	METALS	Aluminum	13800	ug/L	*	J	Ephemeral	750	ug/L
E056	Acid above Pueblo	12/1/2007	WT	UF	GU071200E05601	METALS	Copper	19.9	ug/L			Ephemeral	14	ug/L
E056	Acid above Pueblo	12/1/2007	WT	UF	GU071200E05601	METALS	Zinc	158	ug/L			Ephemeral	120	ug/L
E056	Acid above Pueblo	12/1/2007	WT	UF	GU071200E05601	RAD	Gross alpha	57.6	pCi/L		J-	Ephemeral	15	pCi/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	GENINORG	Magnesium	13.7	mg/L			Ephemeral	0.0636	mg/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	METALS	Aluminum	56100	ug/L	*	J	Ephemeral	750	ug/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	METALS	Arsenic	31.2	ug/L			Ephemeral	9	ug/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	METALS	Cadmium	2.7	ug/L			Ephemeral	2.1	ug/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	METALS	Copper	82.2	ug/L			Ephemeral	14	ug/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	METALS	Lead	126	ug/L			Ephemeral	81.7	ug/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	METALS	Zinc	497	ug/L			Ephemeral	120	ug/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	RAD	Gross alpha	205	pCi/L		J-	Ephemeral	15	pCi/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	RAD	Gross alpha, adjusted	135	pCi/L		J-	Ephemeral	15	pCi/L
E247	MDA G-1	12/1/2007	WT	UF	GU071200E24701	GENINORG	Magnesium	2.76	mg/L			Ephemeral	0.0636	mg/L
E247	MDA G-1	12/1/2007	WT	UF	GU071200E24701	METALS	Aluminum	7210	ug/L	*	J	Ephemeral	750	ug/L
E247	MDA G-1	12/1/2007	WT	UF	GU071200E24701	METALS	Arsenic	9.6	ug/L	J		Ephemeral	9	ug/L
E247	MDA G-1	12/1/2007	WT	UF	GU071200E24701	RAD	Gross alpha	39.0	pCi/L		J-	Ephemeral	15	pCi/L
E250	Pajarito above SR-4	12/1/2007	WT	UF	GU071200E25001	GENINORG	Magnesium	10.7	mg/L			Ephemeral	0.0636	mg/L
E250	Pajarito above SR-4	12/1/2007	WT	UF	GU071200E25001	METALS	Aluminum	5490	ug/L	*	J	Ephemeral	750	ug/L
E250	Pajarito above SR-4	12/1/2007	WT	UF	GU071200E25001	METALS	Arsenic	20.4	ug/L			Ephemeral	9	ug/L

Table 2
Site-Specific Storm Water Monitoring 2008
Sample Results greater than wSAL received during January, 2008

Station ID	Station Name	Sample Date	Matrix	F/UF	Sample ID	Anyl Suite	Analyte	Detected Results				wSAL		
								Result	Units	Lab Qualifier	LANL Qualifier	Stream Type	Value	Units
ACID-SMA-2	E056	12/1/2007	WT	UF	GU071200E05601	GENINORG	Magnesium	2.36	mg/L			Ephemeral	0.0636	mg/L
ACID-SMA-2	E056	12/1/2007	WT	UF	GU071200E05601	METALS	Aluminum	13800	ug/L	*	J	Ephemeral	750	ug/L
ACID-SMA-2	E056	12/1/2007	WT	UF	GU071200E05601	METALS	Copper	19.9	ug/L			Ephemeral	14	ug/L
ACID-SMA-2	E056	12/1/2007	WT	UF	GU071200E05601	METALS	Zinc	158	ug/L			Ephemeral	120	ug/L
ACID-SMA-2	E056	12/1/2007	WT	UF	GU071200E05601	RAD	Gross alpha	57.6	pCi/L		J-	Ephemeral	15	pCi/L
CDB-SMA-0.2	SS217	11/30/2007	WT	UF	GU07120SS21701	GENINORG	Magnesium	2.98	mg/L			Ephemeral	0.0636	mg/L
CDB-SMA-0.2	SS217	11/30/2007	WT	UF	GU07120SS21701	METALS	Aluminum	14600	ug/L			Ephemeral	750	ug/L
CDB-SMA-0.2	SS217	11/30/2007	WT	UF	GU07120SS21701	METALS	Copper	24.2	ug/L			Ephemeral	14	ug/L
CDB-SMA-0.2	SS217	11/30/2007	WT	UF	GU07120SS21701	METALS	Zinc	123	ug/L			Ephemeral	120	ug/L
CDB-SMA-1	SS2185	11/30/2007	WT	UF	GU07120K218501	GENINORG	Magnesium	1.49	mg/L			Ephemeral	0.0636	mg/L
CDB-SMA-1	SS2185	11/30/2007	WT	UF	GU07120K218501	METALS	Aluminum	4140	ug/L			Ephemeral	750	ug/L
CDB-SMA-1	SS2185	11/30/2007	WT	UF	GU07120K218501	RAD	Gross alpha	20.8	pCi/L		J-	Ephemeral	15	pCi/L
CDB-SMA-1	SS2185	11/30/2007	WT	UF	GU07120K218501	RAD	Gross alpha, adjusted	18.2	pCi/L		J-	Ephemeral	15	pCi/L
CDV-SMA-0.5	SS2565	12/1/2007	WT	UF	GU0712SS256501	GENINORG	Magnesium	0.96	mg/L			Ephemeral	0.0636	mg/L
CDV-SMA-0.5	SS2565	12/1/2007	WT	UF	GU0712SS256501	METALS	Aluminum	2130	ug/L			Ephemeral	750	ug/L
M-SMA-12.9	SS2032	11/30/2007	WT	UF	GU0712SS203201	GENINORG	Magnesium	1.25	mg/L			Ephemeral	0.0636	mg/L
M-SMA-12.9	SS2032	11/30/2007	WT	UF	GU0712SS203201	METALS	Aluminum	4400	ug/L			Ephemeral	750	ug/L
M-SMA-12.9	SS2032	11/30/2007	WT	UF	GU0712SS203201	METALS	Copper	195	ug/L			Ephemeral	14	ug/L
M-SMA-12.9	SS2032	11/30/2007	WT	UF	GU0712SS203201	METALS	Lead	240	ug/L			Ephemeral	81.7	ug/L
M-SMA-12.9	SS2032	11/30/2007	WT	UF	GU0712SS203201	RAD	Gross alpha	56.9	pCi/L		J-	Ephemeral	15	pCi/L
M-SMA-13	SS205	11/30/2007	WT	UF	GU071200K20501	GENINORG	Magnesium	1.00	mg/L			Ephemeral	0.0636	mg/L
M-SMA-13	SS205	11/30/2007	WT	UF	GU071200K20501	METALS	Aluminum	3800	ug/L			Ephemeral	750	ug/L
PJ-SMA-E250	E250	12/1/2007	WT	UF	GU071200E25001	GENINORG	Magnesium	10.7	mg/L			Ephemeral	0.0636	mg/L
PJ-SMA-E250	E250	12/1/2007	WT	UF	GU071200E25001	METALS	Aluminum	5490.0	ug/L	*	J	Ephemeral	750	ug/L
PJ-SMA-E250	E250	12/1/2007	WT	UF	GU071200E25001	METALS	Arsenic	20.4	ug/L			Ephemeral	9	ug/L
Pratt-SMA-1	SS20142	11/30/2007	WT	UF	GU071202014201	GENINORG	Magnesium	22.6	mg/L			Ephemeral	0.0636	mg/L
Pratt-SMA-1	SS20142	11/30/2007	WT	UF	GU071202014201	METALS	Aluminum	128000	ug/L			Ephemeral	750	ug/L
Pratt-SMA-1	SS20142	11/30/2007	WT	UF	GU071202014201	METALS	Arsenic	27.8	ug/L			Ephemeral	9	ug/L
Pratt-SMA-1	SS20142	11/30/2007	WT	UF	GU071202014201	METALS	Copper	70.2	ug/L			Ephemeral	14	ug/L
Pratt-SMA-1	SS20142	11/30/2007	WT	UF	GU071202014201	METALS	Vanadium	145	ug/L			Ephemeral	100	ug/L
Pratt-SMA-1	SS20142	11/30/2007	WT	UF	GU071202014201	METALS	Zinc	267	ug/L			Ephemeral	120	ug/L
Pratt-SMA-1	SS20142	11/30/2007	WT	UF	GU071202014201	RAD	Gross alpha	57.5	pCi/L		J-	Ephemeral	15	pCi/L
T-SMA-4	SS20136	11/30/2007	WT	UF	GU071202013601	GENINORG	Magnesium	2.46	mg/L			Ephemeral	0.0636	mg/L
T-SMA-4	SS20136	11/30/2007	WT	UF	GU071202013601	METALS	Aluminum	14300.0	ug/L			Ephemeral	750	ug/L
T-SMA-4	SS20136	11/30/2007	WT	UF	GU071202013601	METALS	Copper	16.7	ug/L			Ephemeral	14	ug/L
T-SMA-6	SS20140	11/30/2007	WT	UF	GU071202014001	GENINORG	Magnesium	4.76	mg/L			Ephemeral	0.0636	mg/L
T-SMA-6	SS20140	11/30/2007	WT	UF	GU071202014001	METALS	Aluminum	26900	ug/L			Ephemeral	750	ug/L

Table 2
Site-Specific Storm Water Monitoring 2008
Sample Results greater than wSAL received during January, 2008

Station ID	Station Name	Sample Date	Matrix	F/UF	Sample ID	Anyl Suite	Analyte	Detected Results				wSAL		
								Result	Units	Lab Qualifier	LANL Qualifier	Stream Type	Value	Units
T-SMA-6	SS20140	11/30/2007	WT	UF	GU071202014001	METALS	Arsenic	10.9	ug/L	J		Ephemeral	9	ug/L
T-SMA-6	SS20140	11/30/2007	WT	UF	GU071202014001	METALS	Copper	25.6	ug/L			Ephemeral	14	ug/L

Table 3
Watershed Storm Water Monitoring 2008
Sample Results greater than DOE DCG* received during January, 2008

Station ID	Station Name	Sample Date	Matrix	F/UF	Sample ID	Anyl Suite	Analyte	Detected Results				DOE DCG	
								Result	Units	Lab Qualifie	ANL Qualifi	Value	Units
E056	Acid above Pueblo	12/1/2007	WT	UF	GU071200E05601	RAD	Gross alpha	57.6	pCi/L		J-	30	pCi/L
E060	Pueblo above SR-502	12/1/2007	WT	UF	GU071200E06001	RAD	Gross alpha	205	pCi/L		J-	30	pCi/L
E247	MDA G-1	12/1/2007	WT	UF	GU071200E24701	RAD	Gross alpha	39.0	pCi/L		J-	30	pCi/L

* Los Alamos National Laboratory performs voluntary monitoring and reporting of radionuclide concentrations in storm water and snowmelt runoff. Radionuclide concentrations in water are compared with DOE's Derived Concentration Guides (DCGs) to evaluate potential impacts to members of the public. The DCGs for water are those concentrations in water that if consumed at a maximum rate of 730 liters over an entire year, would give a dose of 100 mrem per year. DCGs are intended for comparison with filtered water suitable for drinking; the results presented in this table are for unfiltered samples and contain suspended sediment. DCGs are also calculated for annual exposure to drinking water and should be compared with time-averaged annual concentrations. The sample results presented in this table represent single grab samples of storm water or snowmelt flows that are not sustained throughout the year.

Table 4
Site-Specific Storm Water Monitoring 2008
Sample Results greater than DOE DCG* received during January, 2008

Station ID	Station Name	Sample Date	Matrix	F/UF	Sample ID	Anyl Suite	Analyte	Detected Results				DOE DCG	
								Result	Units	Lab Qualifier	LANL Qualifier	Value	Units
ACID-SMA-2	E056	12/1/2007	WT	UF	GU071200E05601	RAD	Gross alpha	57.6	pCi/L		J-	30	pCi/L
M-SMA-12.9	SS2032	11/30/2007	WT	UF	GU0712SS203201	RAD	Gross alpha	56.9	pCi/L		J-	30	pCi/L
Pratt-SMA-1	SS20142	11/30/2007	WT	UF	GU071202014201	RAD	Gross alpha	57.5	pCi/L		J-	30	pCi/L

* Los Alamos National Laboratory performs voluntary monitoring and reporting of radionuclide concentrations in storm water and snowmelt runoff. Radionuclide concentrations in water are compared with DOE's Derived Concentration Guides (DCGs) to evaluate potential impacts to members of the public. The DCGs for water are those concentrations in water that if consumed at a maximum rate of 730 liters over an entire year, would give a dose of 100 mrem per year. DCGs are intended for comparison with filtered water suitable for drinking; the results presented in this table are for unfiltered samples and contain suspended sediment. DCGs are also calculated for annual exposure to drinking water and should be compared with time-averaged annual concentrations. The sample results presented in this table represent single grab samples of storm water or snowmelt flows that are not sustained throughout the year.